



Howard County

Internal Memorandum

Subject: *Award from Federal Transit Administration for Electric Buses*

To: *Lonnie Robbins*

From: *John W. Powell, Jr.*

Date: *December 8, 2014*

I am pleased to report that we have received a \$3,574,658 grant from the Maryland Transit Administration to purchase three electric buses and an inductive charging system. For FY15 we are requesting \$50,000 from the Grant Fund, Contingency Reserve that will permit us to secure a manufacturer through a Request for Proposals process.

The charging system, which is similar in concept to an electric tooth brush, will permit the electric buses to operate throughout the day through opportunity charging. When the buses stop to pick-up or discharge passengers, the batteries on the bus will receive a charge through electro-magnetic transfer. The bus will then operate for a period of time until it is necessary for the batteries to be recharged.

The project also includes the development of an "Information Station" that will permit the public to best understand the benefits of the electric buses. This station will be designed and built by Howard Community College.

This project is funded through the Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER) program at the Federal Transit Administration.

If you have any questions, please feel free to contact me. Thank you.

Copy: David Lee